Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Monday 09 Dec 2024 until 23:59 on Tuesday 10 Dec 2024

Forecast Issued on Sunday 08 Dec 2024 at 12:15

Confidence: High for a transition to much more settled conditions as high pressure builds over the UK. Lower confidence regarding day-to-day cloud amounts and valley fog.

Headline for Monday 09 Dec 2024: Very cold and windy on the tops. Mainly dry and bright.

Mountain weather hazards on Monday 09 Dec 2024

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
High Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)	Clear night
Precipitation probability							
20%	20%	20%	20%	10%	<05%	<05%	<05%

Forecast for Monday 09 Dec 2024

Weather: Mainly cloudy overnight and to start the morning with a few light showers in the east, wintry above 700m. Any showers will die out during the morning then dry with lengthening sunny or clear spells through the afternoon and evening.

Chance of cloud-free hill tops above 800m: 60% overnight and morning becoming 90% in afternoon.

Low cloud and visibility: Generally very good visibility. Patchy cloud above 600m overnight and during the morning, clearing in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 09 Dec 2024

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	41/51 NE	34/43 NE	34/42 NE	33/41 NE	29/37 NE	28/36 NE	28/36 NE	24/32 NE	18/23 NE
600	28/38 NE	25/34 NE	23/33 NE	23/32 NE	20/28 NE	20/29 NE	21/31 NE	20/30 NE	10/15 NE
300	9/31 NE	8/27 NE	8/25 NE	7/24 NE	8/23 N	9/24 NE	8/23 NE	8/22 NE	5/15 NE
Valley	13/33 N	10/27 N	10/25 NE	11/26 NE	11/25 NE	11/25 NE	13/27 NE	13/26 NE	9/17 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	0/-8	0/-8	0/-8	0/-8	0/-7	0/-7	-1/-8	-1/-8	-2/-8
600	2/-4	2/-4	2/-4	2/-4	2/-3	2/-4	1/-5	1/-5	0/-4
300	5/1	5/2	4/2	4/1	5/2	5/2	3/-0	2/-1	2/-1
Valley	7/4	7/4	7/4	6/3	7/4	7/4	6/2	5/1	4/2
Freezing Level*	900m	1000m	900m	900m	900m	800m	800m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Very gusty winds on the tops and on some lee slopes, reaching 50mph at times with balance likely to be affected and progress impeded. Severe wind chill.

Forecast for Tuesday 10 Dec 2024

Weather: Dry with clear or sunny spells, best of these in the west. Some cloud at times but higher summits remaining in sunshine above the cloud inversion.

Maximum wind: Northeast 15 to 20mph gusts 30mph decreasing 5 to 10mph.

Chance of cloud-free hill tops above 800m: 90%.

Low cloud and visibility: Mainly very good visibility. Isolated valley fog patches. Some areas of cloud on mid-slopes possible.

Temperature: **Valleys:** Minus 1C rising to 7C.
At 800m: 0C.
Freezing level: 700m.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Sunday 8 December 2024 Location: Helvellyn summit at 12:25 Full report:Winter conditions and high winds at summit level today. Helvellyn summit area saw persistent wind and freezing conditions throughout the day. The wind was gusting higher than was expected and this made for challenging conditions for walkers venturing out, there was a significant wind chill and an overnight freeze from about 750m upwards meant many rocky areas were rimed with ice and any lying water was frozen, this was all shrouded with a very light dusting of fresh snow. There was a small number of walkers attempting the summit by a variety of routes, full winter clothing was a must and it was great to see people being well prepared with micro spikes and ice axes. Whilst the light snow cover wouldn't make an ice axe a must, some were finding them reassuring whilst moving on the edges in slippery conditions and with the gusting winds. A single walking pole leaving one free hand to grab the rock features on the edges is also very helpful in these conditions and can be transferred between hands if the wrist loop is left off. Crampons are not yet essential, micro spikes still being the best choice for safe and fast travel over the iced terrain. With the freeze line remaining below summit level tomorrow, and the wind still approximately 35mph and remaining gusty expect similar conditions on Helvellyn and the surrounding high fells, some summits should hopefully see breaks in the cloud and low precipitation but as always, be prepared and equipped to navigate in poor visibility. Temperature: minus 0.4 C, Maximum wind speed 77.2 mph, Wind chill: minus 13.6C, Average wind speed: 32.8mph.

Issued at: 1215 on Sun 08 Dec 2024

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